

AUTHORIZATION TO DISCHARGE UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Federal Clean Water Act as amended, (33 U.S.C. §§1251 et seq.; the "CWA"), and the Massachusetts Clean Waters Act, as amended, (M.G.L. Chap. 21, §§26-53),

**SPRAGUE**

is authorized to discharge from the facility located at

**SPRAGUE**  
**728 Southern Artery, Quincy, MA 02169**

to receiving water named Town River - Code 74 WEYM

in accordance with effluent limitations, monitoring requirements and other conditions set forth herein.

This permit shall become effective 60 days after signature.

This permit and the authorization to discharge expire at midnight, September 30, 2006.

This permit supersedes the permit issued on July 30, 1974.

This permit consists of 5 pages in Part I including effluent limitations, monitoring requirements, Attachment A with Best Management Practices and 35 pages in Part II including General Conditions and Definitions.

Signed this 23<sup>rd</sup> day of January, 2003

SIGNATURE ON FILE

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Director  
Office of Ecosystem Protection  
Environmental Protection Agency  
Boston, MA

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Director  
Division of Watershed Management  
Department of Environmental Protection  
Commonwealth of Massachusetts  
Boston, MA

## PART I

**A.1.** During the period beginning the effective date and lasting through expiration, the permittee is authorized to discharge from outfall serial number 001 and 002, treated storm water runoff to Town River. Such discharges shall be limited and monitored as specified below.

EFFLUENT CHARACTERISTIC		EFFLUENT LIMITS			MONITORING REQUIREMENTS		
PARAMETER	AVERAGE MONTHLY	AVERAGE WEEKLY	AVERAGE MONTHLY	AVERAGE WEEKLY	MAXIMUM DAILY	MEASUREMENT FREQUENCY	SAMPLE TYPE <sup>3,4</sup>
FLOW, MGD <sup>2</sup>	*****	*****	REPORT	*****	REPORT	MONTHLY	ESTIMATE
TSS	*****	*****	30 MG/L	*****	100 MG/L	MONTHLY	COMPOSITE
OIL AND GREASE <sup>1,5</sup>	*****	*****	*****	*****	15 MG/L	MONTHLY	GRAB
POLYNUCLEAR AROMATIC HYDROCARBONS (PAH) <sup>6</sup>	*****	*****	*****	*****	REPORT	QUARTERLY	COMPOSITE
pH RANGE <sup>1</sup>	6.5 - 8.5 SU SEE PERMIT PAGE 3 OF 5 PARAGRAPH I.A.1.b.					MONTHLY	GRAB

Sampling for effluent parameters shall be collected after each oil/water separator's system before the effluent enters the Town River or mixes with another waste stream.

## Footnotes:

1. Required for State Certification.
2. For flow, report an estimated total and maximum daily flow for each month.
3. All required effluent samples shall be collected at the point specified in Permit on page 2. Any change in sampling location must be reviewed and approved in writing by EPA and MADEP. Storm water runoff samples will be collected and analyzed in accordance with 40 CFR Part 136 and EPA's NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001, July, 1992. All such samples shall be collected from the discharge resulting from one significant storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable storm event. A "representative storm" is defined as a "typical" storm for the area in terms of intensity, volume, and duration, roughly a storm not varying by more than 50 percent from the average rainfall volume and duration. The grab sample shall be taken during the first thirty minutes of the discharge; if this is not feasible, it may be taken within the first to third hour of discharge and noted. The composite sample shall either be flow-weighted or time-weighted. Composite samples may be taken with a continuous sampler or as a combination of a minimum of three sample aliquots taken in each hour of discharge for the entire discharge or for the first three hours of the discharge, with each aliquot being separated by a minimum period of fifteen minutes.
4. A report stating that there was no discharge shall be submitted when there is no storm event, and subsequently no discharge, during the reporting period.
5. Use EPA Method 1664 for the determination of the conventional pollutant Oil and Grease.
6. Use EPA Method 625 as described in 40 CFR Part 136, Table Ic - PAHs (parameters # 1,-3, 8-12, 32,33,58,59,64,68, 84 and 86. The permittee is required to test for PAHs at the frequency specified in the permit for five years or until the expiration of this permit reissuance.

**Part I.A.1. (Continued)**

- a. The discharge shall not cause a violation of the water quality standards of the receiving waters.
- b. The pH of the effluent shall not be less than 6.5 nor greater than 8.5 at any time, unless these values are exceeded as a result of an approved treatment process.
- c. The discharge shall not cause objectionable discoloration of the receiving waters.
- d. The effluent shall contain neither a visible oil sheen, foam, nor floating solids at any time.
- e. The results of sampling for any parameter above its required frequency must also be reported.

2. The permittee must notify the Director as soon as they know or have reason to believe:
  - a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit.
  - b. That they have begun or expect to begin to use a product containing toxic pollutant which was not reported in the permit application.
3. Toxics Control
  - a. The permittee shall not discharge any pollutant or combination of pollutants in toxic amounts.
  - b. Any toxic components of the effluent shall not result in any demonstrable harm to aquatic life or violate any state or federal water quality standard which has been or may be promulgated. Upon promulgation of any such standard, this permit may be revised or amended in accordance with such standards.

## **B. UNAUTHORIZED DISCHARGES**

The permittee is authorized to discharge only in accordance with the terms and conditions of this permit and only from outfall(s) listed in Part I A.1. Discharges of wastewater from any other point sources, including oil and/or hazardous material from the transfer station (dock barge), or contact or non contact cooling water, or untreated contaminated ground water are not authorized by this permit and shall be reported in accordance with Section D.1.e. (1) of the General Requirements of this permit (Twenty-four hour reporting).

## **C. STORM WATER POLLUTION PREVENTION PLAN (SWPPP)**

The permittee shall develop and implement a storm water pollution prevention plan (SWPPP). The SWPPP for this facility shall be prepared and implemented no later than 180 days after the effective date of the permit. If the facility has an existing SWPPP in place, the facility shall submit a copy of existing plan only if it meets the conditions of the SMPPP requirements of **Attachment A**. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges associated with the industrial activity from the facility. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with industrial activity at the facility and to assure compliance with the terms and conditions of this permit. Attachment A provides the minimum requirements of a storm water pollution prevention plan for this facility.

## **D. MONITORING AND REPORTING**

### **1. Reporting**

Monitoring results obtained during each calendar month shall be summarized and reported on

Discharge Monitoring Report Form(s) postmarked no later than the 15th day of the following month.

Signed and dated originals of these, and all other reports required herein, shall be submitted to the Director and the State at the following addresses:

Environmental Protection Agency  
Water Technical Unit (SEW)  
P.O. Box 8127  
Boston, Massachusetts 02114

The State Agency is:

Massachusetts Department of Environmental Protection  
Northeast Regional Office, Bureau of Waste Prevention  
205 Lowell Street  
Wilmington, MA 01887

Signed and dated Discharge Monitoring Report Forms required by this permit shall also be submitted to the State at:

Massachusetts Department of Environmental Protection  
Division of Watershed Management  
Surface Water Discharge Permit Program  
627 Main Street, 2nd Floor  
Worcester, Massachusetts 01608

#### **E. STATE PERMIT CONDITIONS**

This Discharge Permit is issued jointly by the U. S. Environmental Protection Agency (EPA) and the Massachusetts Department of Environmental Protection (DEP) under Federal and State law, respectively. As such, all the terms and conditions of this permit are hereby incorporated into and constitute a discharge permit issued by the Commissioner of the MA DEP pursuant to M.G.L. Chap.21, §43.

Each Agency shall have the independent right to enforce the terms and conditions of this Permit. Any modification, suspension or revocation of this Permit shall be effective only with respect to the Agency taking such action, and shall not affect the validity or status of this Permit as issued by the other Agency, unless and until each Agency has concurred in writing with such modification, suspension or revocation. In the event any portion of this Permit is declared, invalid, illegal or otherwise issued in violation of State law such permit shall remain in full force and effect under Federal law as an NPDES Permit issued by the U.S. Environmental Protection Agency. In the event this Permit is declared invalid, illegal or otherwise issued in violation of Federal law, this Permit shall remain in full force and effect under State law as a Permit issued by the Commonwealth of Massachusetts.